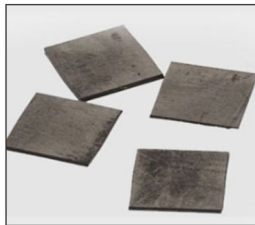
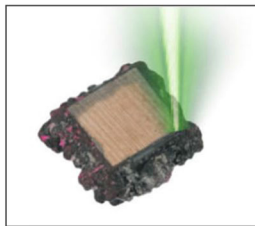
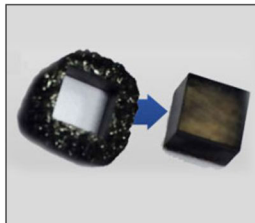


◇ SYNTHETIC (CVD, HPHT) LASER CUTTING MACHINE



Slicing of CVD Diamond



Coring of CVD Diamond



Solico Faceting of any shape



SYNTHETIC (CVD, HPHT) LASER CUTTING MACHINE

SPECIFICATIONS :

-Laser	
-Wavelength	: 532nm
-Output Power @ 10KHz, Watts	: 8W-16W
-Tranverse Mode	: TEM ₀₀
-Beam Diameter, mm	: 0.4
-Beam Quality (M ₂)	: <1.2
-Pulse repetition fequency (PRF), Khz	: 1-20
-Pulsewidth @ 10Khz, ns	: 70
-Pulse Stability @ 10KHz (RMS)	: 3
-Polarization	: Linear (VER)
-Output Stability,(%Over 8hrs)	: 1
-Working Temp ©	: 16

FEATURES :

- Higher Throughput.
- Very Low Operating Cost.
- High Precision X-Y-Z Axis.
- No External Chiller required.
- Diode Driver-USA made software control.
- Excellent Laser Beam Stability with BMO
- Ideal for Quality CVD/HPHT Stone Laser Processing.
- Laser Source – 16watt-532nm-Northrop Grumman USA made.
- Smooth Cutting Surface on all 4 side after single stroke sawing.
- Power Saving of minimum 60%



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Subject to change without prior notice